SEQUENCE LISTING

<110> Daly, John Michael

<120> Constructs for Gene Expression Analysis

<130> 12177722

<140> Unassigned
<141> 2003-09-09

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<151> 2001-03-09

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<160> 57

<170> PatentIn version 3.2

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<212> RNA
<213> mammalian

<400> 1
uuauuuauu 9

<210> 2
<211> 9
<212> RNA
<213> mammalian

<400> 2
uuauuuaww 9

<210> 3
<211> 5
<212> RNA
<213> mammalian

<400> 3
auuua 5

<210> 4
<211> 4
<212> RNA
<213> mammalian

<400> 4
auuu 4

<210> 5
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<212> RNA
<213> Artificial Sequence

<220>
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<400> 5
auuuauuuau uua 13

<210> 6
<211> 15
<212> RNA
<213> Artificial Sequence

<220>
<223> AUUUAx3 Version 2

<400> 6
auuuaauuua auuua 15

<210> 7
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<212> DNA
<213> Artificial Sequence

<220>
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aagctt 6

<210> 8
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Clontech's d1 mutant of MODC

<400> 8
aagcttagcc atggcttccc gccggcggtg gcggcgcagg atgatggcac gctgcccatg 60

tcttgtgccc aggagagcgg gatggaccgt caccctgcag cctgtgcttc tgctaggatc 120

aatgtgtag 129

<210> 9
<211> 56
<212> RNA
<213> Artificial Sequence

<220>
<223> RNA destabilising linker

<400> 9
uuauuuauug gcgguuauuu auucggcguu auuuauugcg cguuauuuau uacuag 56

<210> 10
<211> 11
<212> DNA

<213> Artificial Sequence

<220>
<223> EclHK1 recognition sequence

<220>
<221> misc_feature
<222> (1)..(8)
<223> n = any nucleotide

<400> 10
gacnnnnngt c 11

<210> 11
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> EclHK1 recognition sequence Example 1

<220>
<221> misc_feature
<222> (4)..(5)
<223> n = any nucleotide

<220>
<221> misc_feature
<222> (7)..(8)
<223> n = any nucleotide

<400> 11
gacnntnngt c 11

<210> 12
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> EclHK1 recognition sequence Example 2

<220>
<221> misc_feature
<222> (4)..(5)
<223> n = any nucleotide

<220>
<221> misc_feature
<222> (7)..(8)
<223> n = any nucleotide

<400> 12
gacnnanngt c 11

<210> 13

<211> 9
<212> DNA
<213> mammalian

<400> 13
ttatttatt 9

<210> 14
<211> 75
<212> DNA
<213> mammalian

<400> 14
aaaacgtttt attgtgtttt taatttattt attaagatgg attctcagat atttatattt 60

ttatttttatt ttttt 75

<210> 15
<211> 226
<212> DNA
<213> mammalian

<400> 15
atgcatgatc aaatgcaacc tcacaacctt ggctgagtct tgagactgaa agatttagcc 60

ataatgtaaa ctgcctcaaa ttggactttg ggcataaaag aacttttta tgcttaccat 120

ctttttttt tctttaacag atttgtattt aagaattgtt tttaaaaaat tttaagattt 180

acacaatgtt tctctgtaaa tattgccatt aaatgtaaat aacttt 226

<210> 16
<211> 73
<212> DNA
<213> mammalian

<400> 16
gtatgtttaa attatttta tacactgccc tttcttacct ttctttacat aattgaaata 60

ggtatcctga cca 73

<210> 17
<211> 53
<212> RNA
<213> mammalian

<400> 17
aguaauauuu auauauuuau auuuuuaaaa uauuuauuua uuuauuuauu uaa 53

<210> 18
<211> 53
<212> DNA
<213> mammalian

<400> 18
agtaatattt atatatttat atttttaaaa tatttattta tttatttatt taa 53

<210> 19
<211> 73
<212> DNA
<213> mammalian

<400> 19
aacgttttat tgtgttttta atttatttat taagatggat tctcagatat ttatattttt 60

attttatttt ttt 73

<210> 20
<211> 70
<212> DNA
<213> mammalian

<400> 20
ttttattgtg tttttaattt atttattaag atggattctc agatatttat atttttattt 60

tatttttttt 70

<210> 21
<211> 89
<212> RNA
<213> mammalian

<400> 21
uuucguuaac uguguaugua cauauauaua uuuuuuaauu ugauuaaagc ugauuacugu 60

gaauaaacag cuucaugccu uuguaaguu 89

<210> 22
<211> 89
<212> DNA
<213> mammalian

<400> 22
tttcgttaac tgtgtatgta catatatata ttttttaatt tgattaaagc tgattactgt 60

gaataaacag cttcatgcct ttgtaagtt 89

<210> 23
<211> 6
<212> RNA
<213> mammalian

<400> 23
aauaaa 6

<210> 24
<211> 89
<212> RNA
<213> Artificial Sequence

<220>
<223> Mutant of Peng c-jun ARE

<400> 24
uuucguuaac uguguaugua cauauauaua uuuuuuaauu ugauuaaagc ugauuacugu 60

ggauccacag cuucaugccu uuguaaguu 89

<210> 25
<211> 89
<212> DNA
<213> Artificial Sequence

<220>
<223> DNA encoding mutant of Peng c-jun ARE

<400> 25
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ggatccacag cttcatgcct ttgtaagtt 89

<210> 26
<211> 36
<212> RNA
<213> mammalian

<400> 26
ucuauuuauu aauauuuaac auuauuuaua uauggg 36

<210> 27
<211> 36
<212> DNA
<213> mammalian

<400> 27
tctatttatt aatatttaac attatttata tatggg 36

<210> 28
<211> 124
<212> RNA
<213> mammalian

<400> 28
cucuauuuau uuaaauauuu aacuuuaauu uauuuuugga uguauuguuu acuaacuuuu 60

agugcuuccc acuuaaaaca uaucaggcuu cuauuuauuu aaauauuuaa auuuuauauu 120

uauu 124

<210> 29
<211> 124
<212> DNA
<213> mammalian

<400> 29
ctctatttat ttaaatattt aactttaatt tatttttgga tgtattgttt actaactttt 60

agtgcttccc acttaaaaca tatcaggctt ctatttattt aaatatttaa attttatatt 120

tatt 124

<210> 30
<211> 46
<212> RNA
<213> mammalian

<400> 30
auaaacccua auuuuuuuua uuuaaguaca uuuugcuuuu aaaguu 46

<210> 31
<211> 46
<212> DNA
<213> mammalian

<400> 31
ataaacccta atttttttta tttaagtaca ttttgctttt aaagtt 46

<210> 32
<211> 119
<212> RNA
<213> mammalian

<400> 32
uagaauauuu auuaccucug auaccucaac ccccauuucu auuuauuuac ugagcuucuc 60

ugugaacgau uuagaaagaa gcccaauauu auaauuuuuu ucaauauuua uuauuuuca 119

<210> 33
<211> 119
<212> DNA
<213> mammalian

<400> 33
tagaatattt attacctctg atacctcaac ccccatttct atttatttac tgagcttctc 60

tgtgaacgat ttagaaagaa gcccaatatt ataatttttt tcaatattta ttattttca 119

<210> 34
<211> 105
<212> RNA
<213> mammalian

<400> 34
ucagcuauuu acugccaaag ggaaauauca uuuauuuuuu acauuauuaa gaaaaaagau 60

uuauuuauuu aagacagucc caucaaaacu ccgucuuugg aaauc 105

<210> 35
<211> 105
<212> DNA
<213> mammalian

<400> 35
tcagctattt actgccaaag ggaaatatca tttatttttt acattattaa gaaaaaagat 60

ttatttattt aagacagtcc catcaaaact ccgtctttgg aaatc 105

<210> 36
<211> 34
<212> RNA
<213> mammalian

<400> 36
auuauuuauu auuuauuuau uauuuauuua uuua 34

<210> 37
<211> 34
<212> DNA
<213> mammailan

<400> 37
attatttatt atttatttat tatttattta ttta 34

<210> 38
<211> 55
<212> RNA
<213> mammalian

<400> 38
uauuuuauuc cauuaaggcu auuuauuuau guauuuaugu auuuauuuau uuauu 55

<210> 39
<211> 55
<212> DNA
<213> mammalian

<400> 39
tattttattc cattaaggct atttatttat gtatttatgt atttatttat ttatt 55

<210> 40
<211> 9
<212> DNA
<213> mammalian

<400> 40
ttatttaww 9

<210> 41
<211> 5
<212> DNA
<213> mammalian

<400> 41
attta 5

<210> 42
<211> 4
<212> DNA
<213> mammalian

<400> 42

attt 4

<210> 43
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Consensus DST sequence

<220>
<221> misc_feature
<222> (5)..(5)
<223> n = from 2-9 nucleotides, wherein each individual nucleotide can be any nucleotide

<220>
<221> misc_feature
<222> (15)..(15)
<223> n = from 3-8 nucleotides, wherein each individual nucleotide can be any nucleotide

<400> 43
ggagncatag attanmwwtt tgtay 25

<210> 44
<211> 25
<212> DNA
<213> Soybean

<220>
<221> misc_feature
<222> (5)..(5)
<223> n = 5 nucleotides , wherein each individual nucleotide can be any nucleotide

<220>
<221> misc_feature
<222> (15)..(15)
<223> n =8 nucleotides , wherein each individual nucleotide can be any nucleotide

<400> 44
ggagncatag attanaaatt tgtac 25

<210> 45
<211> 25
<212> DNA
<213> Arabidopsis

<220>
<221> misc_feature
<222> (5)..(5)
<223> n = 9 nucleotides , wherein each individual nucleotide can be any nucleotide

<220>
<221> misc_feature
<222> (15)..(15)
<223> n = 8 nucleotides , ,wherein each individual nucleotide can be any nucleotide

<400> 45
ggaancatag atcgncaatg cgtat 25

<210> 46
<211> 30
<212> RNA
<213> mammalian

<400> 46
guucuugcuu caacaguguu ugaacggaac 30

<210> 47
<211> 30
<212> DNA
<213> mammalian

<400> 47
gttcttgctt caacagtgtt tgaacggaac 30

<210> 48
<211> 29
<212> RNA
<213> mammalian

<400> 48
gauuaucggg agcagugucu uccauaauc 29

<210> 49
<211> 29
<212> DNA
<213> mammalian

<400> 49
gattatcggg agcagtgtct tccataatc 29

<210> 50
<211> 226
<212> DNA
<213> mammalian

<400> 50
atgcatgatc aaatgcaacc tcacaacctt ggctgagtct tgagactgaa agatttagcc 60

ataatgtaaa ctgcctcaaa ttggactttg ggcataaaag aacttttta tgcttaccat 120

ctttttttt tctttaacag atttgtattt aagaattgtt tttaaaaaat tttaagattt 180

acacaatgtt tctctgtaaa tattgccatt aaatgtaaat aacttt 226

<210> 51

<211> 30
<212> RNA
<213> mammalian

<220>
<221> misc_feature
<222> (4)..(4)
<223> n = from 20-40 nucleotides, wherein individual nucleotides are selected from any nucleotide

<220>
<221> misc_feature
<222> (19)..(19)
<223> n is a, c, g, or u

<400> 51
uganccaaag gyyyuuyuna rrrccaccca 30

<210> 52
<211> 30
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> (4)..(4)
<223> n = from 20-40 nucleotides, wherein individual nucleotides are selected from any nucleotide

<220>
<221> misc_feature
<222> (19)..(19)
<223> n is a, c, g, or t

<400> 52
tganccaaag gyyyttytna rrrccaccca 30

<210> 53
<211> 16
<212> RNA
<213> mammalian

<220>
<221> misc_feature
<222> (5)..(5)
<223> n = any number of nucleotides, wherein individual nucleotides are selected from any nucleotide

<220>
<221> misc_feature
<222> (11)..(11)
<223> n = any number of nucleotides, wherein individual nucleotides are selected from pyrimidines

<400> 53
yccancccwy yucycc 16

<210> 54
<211> 46
<212> DNA
<213> mammalian

<400> 54
cctcctgccc gctgggcctc ccaacgggcc ctcctcccct ccttgc 46

<210> 55
<211> 5
<212> DNA
<213> mammalian

<400> 55
cctcc 5

<210> 56
<211> 9
<212> DNA
<213> mammalian

<400> 56
cctcctgcc 9

<210> 57
<211> 14
<212> DNA
<213> mammalian

<400> 57
ccctcctccc ctgg 14